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WHAT IS CLAIMED IS:

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1. A process for producing an encased propellant which comprises overwrapping ^{at} least one charge of propellant with an elastomeric coating composition ^{free of any cellulosic compound}

✓ 2. The process of claim 1 wherein said overwrapping is effected by molding, spray casting, dipping, or a combination thereof, in order to form said encased propellant.

✓ 3. The process of claim 1 wherein said overwrapping is effected by in situ reacting a polyol with a polyisocyanate in the presence of said propellant to form a polyurethane casing around said propellant.

✓ 4. The process of claim 3 wherein said in situ reaction is effected by reaction injection molding at an elevated pressure.

✓ 5. The process of claim 1 wherein said elastomeric coating composition additionally contains an additive selected from the group consisting of oxidizers, burn rate modifiers, stabilizers, and fillers.

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✓ 6. ~~The process of claim 1 wherein said elastomeric coating composition is free of any cellulosic compound.~~

✓ 7. An encased propellant comprising a propellant charge overwrapped ^{with} an elastomeric coating composition ^{free of any cellulosic compound}

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8. The composition of claim 7 wherein said elastomeric coating composition is free of any cellulosic compound.

9. The composition of claim 7 wherein said elastomeric coating composition comprises a polyurethane.

10. The composition of claim 7 wherein said propellant charge is a high energy material selected from the group consisting of RDX, NTO, TNT, HMX, TAGN, nitroguanidine, nitrocellulose, nitroglycerine, ammonium nitrate, and combinations thereof.

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